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MANUFACTURER'S CERTIFICATION

Product Name: Mn State 35-521  
 Replacement: BWSR U4  
 Manufacturer: Ramy Turf Products  
 Contact: Michael Ramy

35-521		Dry Prairie Southwest			
Common Name	Scientific Name	Rate (kg/ha)	Rate (lb/ac)	% of Mix (% by wt)	Seeds/sq ft
side-oats grama	<i>Bouteloua curtipendula</i>	1.57	1.40	11.16%	3.08
blue grama	<i>Bouteloua gracilis</i>	1.06	0.95	7.57%	13.90
nodding wild rye	<i>Elymus canadensis</i>	1.35	1.20	9.63%	2.30
slender wheatgrass	<i>Elymus trachycaulus</i>	1.12	1.00	7.99%	2.53
porcupine grass	<i>Hesperostipa spartea</i>	0.84	0.75	6.02%	0.19
junegrass	<i>Koeleria macrantha</i>	0.34	0.30	2.40%	22.00
little bluestem	<i>Schizachyrium scoparium</i>	1.68	1.50	11.96%	8.24
sand dropseed	<i>Sporobolus cryptandrus</i>	0.17	0.15	1.20%	11.00
	Total Grasses	8.13	7.25	57.93%	63.23
whorled milkweed	<i>Asclepias verticillata</i>	0.01	0.01	0.10%	0.05
Canada milk vetch	<i>Astragalus canadensis</i>	0.07	0.06	0.51%	0.40
white prairie clover	<i>Dalea candida</i>	0.07	0.06	0.46%	0.40
purple prairie clover	<i>Dalea purpurea</i>	0.11	0.10	0.80%	0.55
Canada tick trefoil	<i>Desmodium canadense</i>	0.04	0.04	0.36%	0.09
narrow-leaved purple coneflower	<i>Echinacea angustifolia</i>	0.09	0.08	0.62%	0.20
ox-eye	<i>Heliopsis helianthoides</i>	0.04	0.04	0.35%	0.10
round-headed bush clover	<i>Lespedeza capitata</i>	0.03	0.03	0.27%	0.10
rough blazing star	<i>Liatris aspera</i>	0.02	0.02	0.18%	0.13
dotted blazing star	<i>Liatris punctata</i>	0.02	0.02	0.16%	0.05
wild bergamot	<i>Monarda fistulosa</i>	0.03	0.03	0.24%	0.76
stiff goldenrod	<i>Oligoneuron rigidum</i>	0.08	0.07	0.53%	1.00
black-eyed susan	<i>Rudbeckia hirta</i>	0.08	0.07	0.52%	2.20
heath aster	<i>Symphyotrichum ericoides</i>	0.01	0.01	0.10%	0.90
smooth aster	<i>Symphyotrichum laeve</i>	0.03	0.03	0.24%	0.60
bracted spiderwort	<i>Tradescantia bracteata</i>	0.02	0.02	0.13%	0.06
hoary vervain	<i>Verbena stricta</i>	0.11	0.10	0.78%	1.00
golden alexanders	<i>Zizia aurea</i>	0.24	0.21	1.68%	0.85
	Total Forbs	1.12	1.00	8.03%	9.44
Oats	<i>Avena sativa</i>	4.76	4.25	34.04%	1.90
	Total Cover Crop	4.76	4.25	34.04%	1.90
	Totals:	14.01	12.50	100.00%	74.57
Purpose:	Regional dry prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.				
Planting Area:	North-Central Glaciated Plains Section. Mn/DOT Districts 3A(southwest) 3B, 4(south), 7 & 8.				

- Seed Mixture 35-521 – Mn Specification

Ramy Turf Products is a MCIA approved seed blending facility, licensed to mix, bag and sell seed mixtures designed and specified by the Minnesota Department of Transportation (MNDOT), Board of Water Soil Resources (BWSR), Minnesota Department of Natural Resources (DNR) and other agencies. MN 35-521 is labeled and packaged as specified in the MNDOT General Specifications and at time of production the most recent seed substitution list – that list is available upon request.

If there is any need for clarification, please contact Michael Ramy at 651-917-0939 for assistance.



Signed By

01-22-17

Date